Z: Damm et al. --118 [2] (1909) 1938 Woleaians
116, 141, 177 Aurupik

You realize how little contact these natives have had with civilization when you learn that Hambruch could not get any anthropological measurements because the natives were afraid of the instruments.

4: Krämer--201 (1909) 1937 Woleaians
116, 141 Woleai

Hambruch measured 12 natives, 4 women and 8 men; the former had a height of about 150 centimeters (3), but one of them was 162.8 centimeters tall. The men varied between 158-167, with an average height of 163 centimeters.

Dolichocephaly is no longer observed, since there is no cephalic index under 170; two of the people were brachycephalic (81.1 and 85.5), 7 were mesocephalic (73.6-77.7) and three had a cephalic index of 70-71.5.

41: Bates & Abbott N-5 (1953) 1958
OR21 Woleai OR21
Ifaluk

Menstruating women on Ifaluk, as in many cultures, were subject to a variety of taboos. There were four special houses on the atoll which served as menstrual huts for each of the four villages into which the households were grouped. A woman, at the onset of menstruation, retired to one of these, removed from the ordinary life of the community until her period was over.

The census-taking was not a rapid process. It took interminable palavering among Tom, the chiefs and the members of each household to get a list of names, with clan affiliations, marital status, and such-like lore dear to the anthropological heart. When the list was complete, Don supervised the weighing and taking of heights—the only physical measurements practical with the available equipment. The weights were taken on a set of ordinary bathroom scales that had been picked up in Guam. The measuring pole was less prosaic—made from a pole found in the Fan Nap and calibrated to the nearest quarter inch by marking with a ball-point pen. Maroligar officiated at the weighing and measuring; after he had watched the first two or three operations, he explained to each person where to put his feet on the scales, tried to persuade him to stand up straight for the measuring, and coaxed the shier women and children into cooperating.

In the meantime I would prowl around with the big Crown Graphic camera, snapping whatever caught my interest, and popping flash-bulbs to the delight of the children who had a new toy in the used bulbs.

There was plenty of time to look around while Ted was trying to get all of the names and relationships straight. We noticed that the houses were well built, with big posts stuck in the ground to which stringers and rafters were firmly lashed with stout coconut-fiber rope; the roofs were coconut thatch, and the walls were mats woven of coconut leaves. The houses were low, and people did not stand in them, but sat or sprawled on the floor, which was very clean and covered with plaited coconut mats. There were no windows as such, but each house had four to six doors, which could be closed with more coconut mats when desired. The interiors were dim—but there was no need for good reading light. There was little or no clutter on the floor, except for a few things propped against the walls. Most of the family posses-

41: Bates & Abbott N-5 (1953) 1958
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tural changes brought by the West—changes in clothing, in housing, in diet, in customs—have tended to increase the disease problem rather than to alleviate it. But that is a pet peeve of mine.

The population history of Ifaluk itself is not clear. Counts by anthropologists during the period of German control showed populations of 281 in 1903 and 208 in 1909, with an estimate of 300 for 1914. The drop between the first two counts may be a result of the typhoon of 1907—not only direct mortality, but also emigration to other islands as a consequence of food shortage.

The older Ifalukians thought that more people had lived on the island formerly; and from their stories I got to thinking that the population might at some time have reached as much as 500. This was based on accounts of times when even coconuts were carefully shared and nothing was wasted. Abandoned household sites in the village areas might be evidence of some population decline and there were stories of an epidemic, soon after the Japanese appeared, when as many as a dozen people died in a day. This, clearly, was smallpox; and the Japanese started vaccination, which has been maintained by the American authorities.

The island, in 1953, was not overpopulated. The land surface of the atoll was about a half a square mile, so the population of 260 people would represent a density of about 520 persons per square mile: a rather dense population, but we must remember that the people of Ifaluk had also the resources of their lagoon and of the surrounding seas. Ifaluk seemed to me to represent an economy of abundance, and this probably in part explains the idyllic living conditions that prevailed. With more people, with the same resources and the same cultural equipment, life might have been more difficult and unpleasant.

The Ifalukians certainly seemed not only happy, but healthy. It is difficult to make exact comparisons between the Ifalukians and other people because of our uncertainty about precise ages, so that one is likely to be averaging fifteen-year-olds with thirty-year-olds. In general, however, the men seemed to be somewhat smaller and lighter than the American average. The tallest man of the island, Sepemal, was a half inch under six feet. The heaviest (Wolpaitig, the number

41: Bates & Abbott N-5 (1953) 1958
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five chief) weighed 182 pounds with a height of 5' 7½". Wolpaitig came closest of any man on the island to having a paunch.

The women were considerably more under American averages for height or weight. They were generally only an inch or so over or under five feet, weighing not much over a hundred pounds. The heaviest, a matron named Ietili of the Garotrong household, weighed 150 pounds, and was 5' 1⅛" tall. Ted suspected that the small size and light weight of the women was a consequence of the fact that they carried out the regular toil of the island—the heavy gardening work of the taro swamps as well as the work around the houses.

The Ifalukians would be classed as Micronesians: but what that means is anybody's guess. "Micronesia" is a geographical term to cover the hundreds of "tiny islands" of the Marianas, the Carolines, the Marshalls and the Gilberts. The inhabitants of these island groups, the Micronesians, are hardly to be distinguished from the more famous Polynesians: a rapid survey of several anthropology texts shows that the two are more often classed together than not. The inhabitants of the various island groups of Micronesia are certainly more diverse, both culturally and physically, than the inhabitants of Polynesia: but the similarities among all of these light-skinned people of the Pacific are greater than their differences. And the problem of the origin and history of the Ifalukians, of the Caroline Islanders, of the Micronesians, cannot be separated from the much-discussed problem of the origin of the Polynesians.

I think part of the European fascination with Polynesia (which would apply equally to the people of the central Carolines) comes from the fact that these people look very much like ourselves. The features of the Ifalukians were very European, and I amused myself by noting resemblances in certain individuals, in features or apparent characters, to particular friends or acquaintances in the States. The people were not really dark-skinned: both Don and I acquired a skin color within a month that matched the Ifalukian average, as determined by frequent comparisons of arms placed side by side. A pair of naked legs walking by the Fan Nap, observed under the low-over-hang of thatch, could not be identified as Ifalukian or American. The Ifalukians